

OneRemote RMB4 Converter for Beo4

Type 35104333

Controls

Loewe TV

**All models that can be operated with
a Loewe RC3 or later remote control**

User Manual

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Getting Started

With the OneRemote converter installed in your Bang & Olufsen Beo4 remote control terminal you may control your LOEWE TV with this terminal. This guide explains how.

If your Beo4 has a  key, and the OneRemote converter has been optimized for your equipment setup then.....



>> *continue to the control table on page 5.*

If your Beo4 does **not** have a  key, it is a Beo4 Navi type. In the Beo4 Navi the  key has been replaced by a small joy-stick that adds further functionality, when enabled.

If your Beo4 is the Navi type and the OneRemote converter has been optimized for your equipment setup then....



>> *continue to the control table on page 6.*

If the OneRemote converter has not yet been optimized for your setup, you might want to refer to the installation section below about the initial setup and option programming. No programming is needed during everyday use.

The OneRemote converter installed in your Beo4 remote control may be used in any Beo4 generation, in the Beo4 Navi with extra functionality.

To get the most of your modified Beo4 the OneRemote converter must be programmed according to the Beo4 model and the equipment setup that your TV is a part of. Refer to page 5 and onwards for the initial programming.

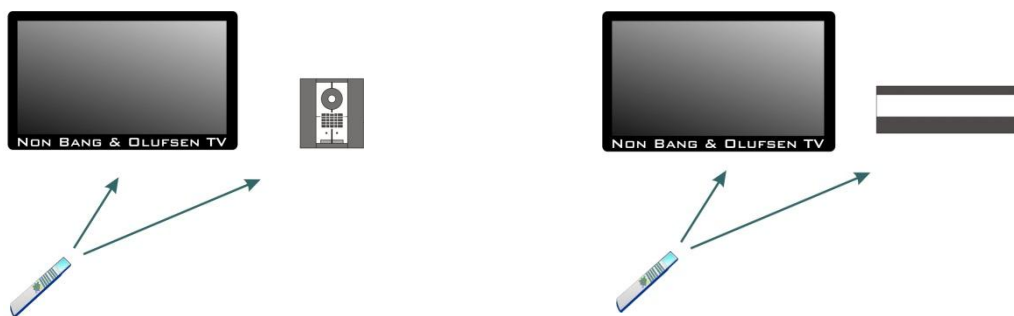
The OneRemote Converter for the Beo4 Remote Control

The OneRemote converter is a small microcomputer module specifically designed to be installed in a Bang & Olufsen Beo4 remote control terminal.

The microcomputer is converting commands meant for Bang & Olufsen equipment to commands for third party equipment of various types.

Each OneRemote converter type is programmed to control a specific product like an Apple iPod docking station, a flat panel TV, a curtain controller etc.

The converter enables the Beo4 to control a third party device, while still being able to control any other Bang & Olufsen product.



With a Bang & Olufsen audio master in the room it may be used for handling the TV sound. Speakers connected to an audio master are usually of a much better quality than the speakers in a flat panel TV. In a B&O link room setup with BeoLink Active you may also use the active speakers to improve sound from most TVs.

*Only a simple audio cable is needed between the TV and the audio master. See the option programming section about **AAUX** and **PC** modes on page 9.*

Controlling with OneRemote

Controlling a non-B&O TV using the OneRemote RMB4 modified Beo4 requires the user to be familiar with the original remote control as described in the TV's user manual.

A Beo4 remote control is not equipped with as many keys as found in most other remotes. But by combining specific key entries on the OneRemote RMB4 a suitable control layout has been developed.

The Beo4 Navi model introduces new keys, making it easier to create a control layout closer to the TV's original one. Thus there are two different control layouts for the OneRemote modified Beo4.

Coloured Function Keys

To ease the access to more important control functions the control priority for the coloured function keys has been changed to a lower level, i.e. a level where one command requires dual successive key entries. Thus an original "colour" command requires the  key to be pressed prior to the coloured key itself. The key has been "shifted" with a .

This change of priority is used in all modified Beo4 except for the Beo4 Navi, where it is not necessary.

New functions have been assigned to the coloured keys in the direct mode. Most often as follows:

	Guide, EPG or similar.
	Back, Backup, Return or similar.
 	Programme zapping. P+/ P- , Channel up/ down or CH+/ CH-.

*When in Beo4 Navi mode, the coloured keys are not shifted.
Refer to the conversion tables on page 7 and 8.*

GO, Joystick or STOP Shifted Controls

Some of the OneRemote RMB4 keys are found in two or three control sequences and shifted by pressing a ,  or **STOP** key prior to the key itself.

In case of Beo4 Navi a **PLAY** key, not found on older generations of Beo4, replaces the  key, when in 'mode 2'. In mode 2 the OneRemote RMB4 converter uses the Joystick key for shifting instead of . Refer to page 8.

Keys that have been assigned secondary functions are listed in the control tables on page 7 and 8.

Control Table for Beo4 with a  Key.


– or Beo4 Type 1710 in mode 2.



Everyday Control

TV	Put Beo4 in LOEWE mode
	Turns off the TV
 	OK
 	Manoeuvring in on-screen menus
 	Manoeuvring in on-screen menus
 *1 *2	P +
 *1 *2	P -
 *2	EPG
 *2	END

*1 The up/ down arrow controls may be exchanged with the blue and yellow keys. See page 6.

*2 As the direct function of the coloured function keys has been assigned to other functions, these have to be preceded with a  to retrieve the actual coloured function.

 	Green function
 	Yellow function
 	Red function
 	Blue function

Text TV Control

TEXT	Text TV On/ Mix
TV	Text TV Off

Playback Controls

	Play <i>press 0.5 sec.</i>
 0	Play
STOP STOP	Stop
 STOP	Pause/ Timeshift
  / 	Rew/ FF
 8	Record
 5	Timer

Other Controls

 1	Format
 2	Picture menu on/ off
 3	Picture adjust
 4	PIP
 6	Sound
EXIT	END
MENU	Menu

Direct Source Selection

DVD	HDMI
VMEM	AV1
DTV	AV2
PC	PC
VAUX	AVS

Control Table for Beo4 with a Joystick type 1710 without a Key in mode 1 or 3



This table shows the converted keys for a OneRemote RMB4 converter installed in a Beo4 **Navi** type remote control. Beo4 Navi has a joystick () instead of the  key. This joystick adds 8 extra control possibilities, as it can be moved forward, backwards and to the sides.

In the table these functions are shown like this: 

Joystick operations:

-  Pressing the Joystick down once.
-   Pressing the Joystick down twice.
-  Pushing the Joystick upwards.

If your Beo4 has a  key, refer to the table on page 7.

If your Beo4 is a Navi type and the Navi key has **not** been enabled (mode2), refer to the table on page 7.

Everyday Control

	Set Beo4 in LOEWE mode Turns off the TV
 	OK
	END
 	P+ / P-
 	Info
 	WWW
 	AD
 	3D
	Yellow key
	Blue key
	Green key
	Red key
 	Navi keys are used for manoeuvring in on-screen menus.

Text TV Control

	Text TV On/Mix
	Text TV Off

Playback Controls

	Play
 	Stop
 	Pause/ Timeshift
	Rew
	FF
 	Record
 	Timer

Other Controls

 	Format
 	Picture menu on/ off
 	Picture adjust
 	PIP
 	Sound
	Menu

Direct Source Selection

	HDMI
	AV1
	AV2
	PC
	AVS

Programme Stepping, Up/ Down Manoeuvring in Menus

Most set top boxes and TVs have 4 arrow keys for manoeuvring in on-screen menus, up, down, left and right. In addition to these keys they are also equipped with separate programme stepping keys for zapping through the programmes. Often these keys are named P+, P-, CH+ or CH-. This is also the case for a LOEWE TV.

OneRemote converters often use the  and the  keys for programme zapping. This way the four up, down, left and right keys are free for manoeuvring in on-screen menus.

Note.

With a Beo4 Navi in mode 2, manoeuvring in on-screen menus is carried out by the 'joy-stick', not available on previous Beo4 models.

Thus the coloured keys on a Beo4 Navi in 'mode 2' have NOT been shifted.

Setting the Zap Mode Option

If the OneRemote converter is installed in a Beo4 with a  key, the keys  and  are used for programme stepping. The  and  keys are used to manoeuvre up and down in on-screen menus. This is the default factory setting, as described above.

If you prefer this control layout changed enter the options listed below.

Selecting the Zap Mode Keys:	
Enter one of these 2 option sequences within 10 seconds to set the preferred Programme Zap mode keys.	
LIGHT MENU STOP 9 0 	The  and  keys are used for programme zapping.
LIGHT MENU STOP 9 1 	The  &  keys are used for programme zapping.

Disabling and Dual TV Options

The OneRemote RMB4 converter in the modified Beo4 remote control can be enabled or disabled using below options. When disabled the Beo4 remote control operates as a non- modified Beo4.

In DUAL TV-mode the OneRemote RMB4 converter allows for control of both a Bang & Olufsen TV and the LOEWE tv for which it was designed.

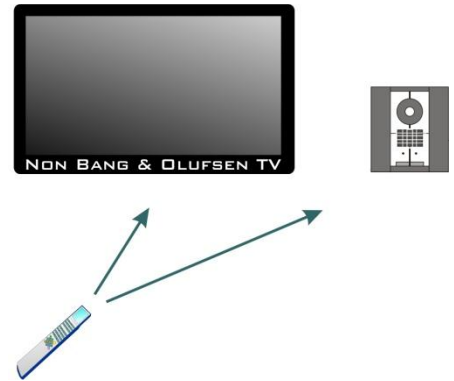
Disabling and Dual TV Modes: <i>Enter one of these 3 option sequences within 10 seconds to set the preferred mode.</i>	
LIGHT MENU STOP 2 0 ●	<i>Disables the OneRemote converter.</i>
LIGHT MENU STOP 2 1 ●	<i>Enables the OneRemote converter.</i>
LIGHT MENU STOP 2 2 ●	<i>Enables the OneRemote converter in Dual TV mode.</i> <i>In this mode:</i> TV + 1 <i>starts control of a B&O TV.</i> TV + 2 <i>starts control of the LOEWE TV.</i>

Setting the OneRemote Volume Option

When the **TV** key is pressed, the LOEWE TV is powered up automatically and turned on in the TV mode.

If a Bang & Olufsen audio master is in the room, it is possible to use it for handling the sound. Below options determine how the One Remote RMB4 handles volume in the TV mode.

This option also allows for the power up other B&O devices than the TV, when **TV** is selected. The audio signal from the TV is wired to the audio master using a Line to Datalink cable. Moving the TV sound to the speakers of the audio master improves the sound quality significantly.



Volume Options <i>Enter one of these option sequences within 10 seconds:</i>	Sound Destination <i>Alternative speakers.</i>	Volume Control <i>Volume data format emitted from Beo4.</i>
LIGHT MENU STOP 0 0 ●	Volume disabled	No volume control
LIGHT MENU STOP 0 1 ●	The LOEWE TV	LOEWE format
LIGHT MENU STOP 0 2 ●	AAUX *1	AAUX in B&O format
LIGHT MENU STOP 0 3 ●	PC *2	PC in B&O format
LIGHT MENU STOP 0 4 ●	AAUX + 6 *3	AAUX in B&O format
LIGHT MENU STOP 0 5 ●	AAUX + 7 *3	AAUX in B&O format
LIGHT MENU STOP 0 5 ●	TV *4	TV in B&O format

*1 When **TV** is pressed the Beo4 sends a Power On command to the TV. At the same time the Beo4 sends a **AAUX** command to a Bang & Olufsen audio master. Until another source is selected, volume commands will be directed to the B&O audio master.

*2 When **TV** is pressed the Beo4 sends a Power On command to the TV. At the same the Beo4 sends a **PC** command to a Bang & Olufsen system. Until another source is selected, volume commands will be directed to the B&O system. Via a BeoLink Active sound may be moved from the TV to PowerLink speakers.

*3 When **TV** is pressed the Beo4 sends a Power On command to the TV. At the same the Beo4 sends a **AAUX** + **6** or **7** command to a Bang & Olufsen linksystem. Until another source is selected, volume commands will be directed to the B&O linksystem.

*4 When **TV** is pressed the Beo4 sends a Power On command to the TV. At the same the Beo4 sends a **TV** command to a Bang & Olufsen linksystem. Until another source is selected, volume commands will be directed to the B&O linksystem. Via a BeoLink Converter sound may be moved from & Olufsen audio master via its MasterLink input.